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Inventors: Mandola et al.  
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Page 2

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-20 (canceled).

Claim 21 (new): A method for determining whether an individual has colorectal cancer comprising detecting, in a thymidylate synthase nucleic acid molecule from a subject,

the presence of a 3R/3R, 3R/3RV, 2R/2R, 2R/3R or 2R/3RV construct in the 5' region of the thymidylate synthase nucleic acid molecule, and

the presence of a +6 bp/1494 3' untranslated region polymorphism in the thymidylate synthase nucleic acid molecule,

wherein the presence of the 3R/3R construct and +6 bp/1494 3' untranslated region polymorphism indicates that the subject has colorectal cancer.